

Acknowledgements

The Royal Pharmaceutical Society and NHS Pharmaceutical Quality Assurance Committee are grateful to the editor Dr Alison M Beaney, also to the individuals and organisations who have provided contributions and comment for the 5th edition of Quality Assurance of Aseptic Preparation Services: Standards. All the standards have been updated for this edition. The main contributors for this update are:

Richard Bateman	Quality Assurance Specialist Pharmacist East and South East England, Guy's and St Thomas' NHS Foundation Trust, UK
Alison M Beaney	Regional Quality Assurance Specialist North East and North Cumbria, Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
Anne Black	Assistant Director of Pharmacy - Quality Assurance, Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
Charlotte Gibb (on behalf of the NHS Pharmaceutical Aseptic Services Group)	Accountable Pharmacist, Pinderfields Hospital, The Mid Yorkshire Hospitals NHS Trust, UK
Joanne Hayes	Director of Technical Services, Stockport NHS Foundation Trust, UK
John Homcastle	Accountable Pharmacist, Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
Mark Jackson	Director, Quality Control North West (Liverpool), UK
Paul Maltby (on behalf of the UK Radiopharmacy Group)	Formerly (now retired):- Principal Radiopharmacist, Royal Liverpool and Broadgreen University Hospitals, UK
Linda Musker (on behalf of the Microbiology Protocols Group)	Quality Assurance Specialist, Quality Control North West (Liverpool), NHS England North, UK
Mark Oldcome (on behalf of the Microbiology Protocols Group)	All Wales QA Specialist Pharmacist, Betsi Cadwaladr University Health Board, Wrexham Maelor Hospital, NHS Wales, UK
John C Rhodes (on behalf of the Microbiology Protocols Group)	Quality Assurance Specialist, Stockton Quality Control Laboratory, North Tees & Hartlepool NHS Foundation Trust, UK
Mark Santillo (on behalf of the NHS National Research and Development Group)	Regional Quality Assurance Officer South West, Torbay and South Devon NHS Foundation Trust, UK
Karen Shield	Pharmacy Production Manager, Sunderland Royal Hospital, UK
Tim Sizer (on behalf of the Microbiology Protocols Group)	Regional Pharmaceutical Quality Assurance Pharmacist, NHS England South, UK
Lauren Stewart	Senior Pharmacist, Quality Assurance, Newcastle upon Tyne Hospitals NHS Foundation Trust, UK

With thanks to Leslie Rippon who provided valuable administrative assistance.

NHS Pharmaceutical Quality Assurance Committee Microbiology Protocols Group:

Sarah Hiom	All Wales Research and Development Pharmacist, NHS Wales, UK
Linda Musker	Quality Assurance Specialist, Quality Control North West (Liverpool), NHS England North, UK
Ayo Ogunsanlu	Pharmacy Executive Lead QA & QC and QP, Imperial College Healthcare NHS Trust, UK
Mark Oldcome	All Wales QA Specialist Pharmacist, Betsi Cadwaladr University Health Board, Wrexham Maelor Hospital, NHS Wales, UK
Bernie Sanders	East Midlands Regional QA/QC Head NHS England Central, UK
Janet Shaw	Microbiology Laboratory Section Head, Quality Control North West (Liverpool), NHS England North, UK
Tim Sizer (Chair)	Regional Pharmaceutical Quality Assurance Pharmacist, NHS England South, UK
Victoria Tickle	Lead Microbiologist, Stockton Quality Control Laboratory, North Tees & Hartlepool NHS Foundation Trust, UK
John C Rhodes	Quality Assurance Specialist, Stockton Quality Control Laboratory, North Tees & Hartlepool NHS Foundation Trust, UK

National NHS Pharmaceutical Research and Development Group:

Suresh Aiyalu	Principal Pharmacist, Aseptic Services Sandwell and West Birmingham Hospitals NHS Trust, UK
Andrew Barnes	Deputy Director of Pharmacy Quality Assurance Specialist Services East of England & Northamptonshire, UK
Wayne Goddard	Laboratory Manager, Stockton Quality Control Laboratory, North Tees & Hartlepool NHS Foundation Trust, UK
Mark Oldcorne	All Wales QA Specialist Pharmacist, Betsi Cadwaladr University Health Board, Wrexham Maelor Hospital, NHS Wales, UK
Mark Santillo (Chair)	Regional Quality Assurance Officer, Torbay & South Devon NHS Foundation Trust, UK
Phil Weir	Principal Scientist, Head of Scientific Services, Quality Control North West, Stockport, UK

Consultees

Consultees who responded included the following organisations:

Medicines and Healthcare products Regulatory Agency (MHRA)
NHS Pharmaceutical Quality Assurance Committee (PQAC)
Pharmaceutical Aseptic Services Group (PASG)
UK Radiopharmacy Group (UKRG)

The NHS Pharmaceutical Quality Assurance Committee, NHS Pharmaceutical Aseptic Services Group, UK Radiopharmacy Group include representatives from England, Scotland, Wales and Northern Ireland.

RPS Project Team

Catherine Duggan	Director of Professional Development and Support
Sam Haddaway	Marketing Executive
Julia Kettlewell	Head of Marketing
Rachel Norton	Senior Professional Support Pharmacist
Parita Patel	Product Manager, RPS Publishing
Harvinder Sondh	Director of Marketing and Product Development, RPS Publishing
Ruth Wakeman	Assistant Director of Professional Development and Support

With thanks to colleagues in RPS Publishing, RPS Finance and Resources, and RPS website team for their valuable assistance.